Assignment-3

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Human Computer Intraction

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Nielsen's Usability Heuristics:

- Visibility of system status
  The system should always keep users informed about what is going on, through appropriate feedback within reasonable time.

- Match between system and the real world
  The system should speak the users' language, with words, phrases and concepts familiar to the user, rather than system-oriented terms. Follow real-world conventions, making information appear in a natural and logical order.

- User control and freedom
  Users often choose system functions by mistake and will need a clearly marked "emergency exit" to leave the unwanted state without having to go through an extended dialogue. Support undo and redo.

- Consistency and standards
  Users should not have to wonder whether different words, situations, or actions mean the same thing. Follow platform conventions.

- Error prevention
  Even better than good error messages is a careful design which prevents a problem from occurring in the first place. Either eliminate error-prone conditions or check for them and present users with a confirmation option before they commit to the action.

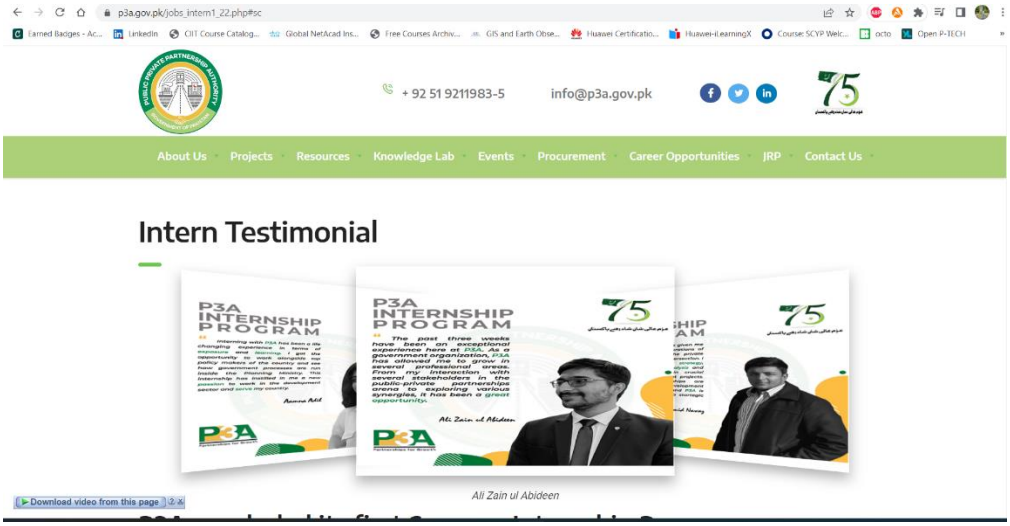
- Recognition rather than recall
  Minimize the user's memory load by making objects, actions, and options visible. The user should not have to remember information from one part of the dialogue to another. Instructions for use of the system should be visible or easily retrievable whenever appropriate.

Heuristics Evaluation:

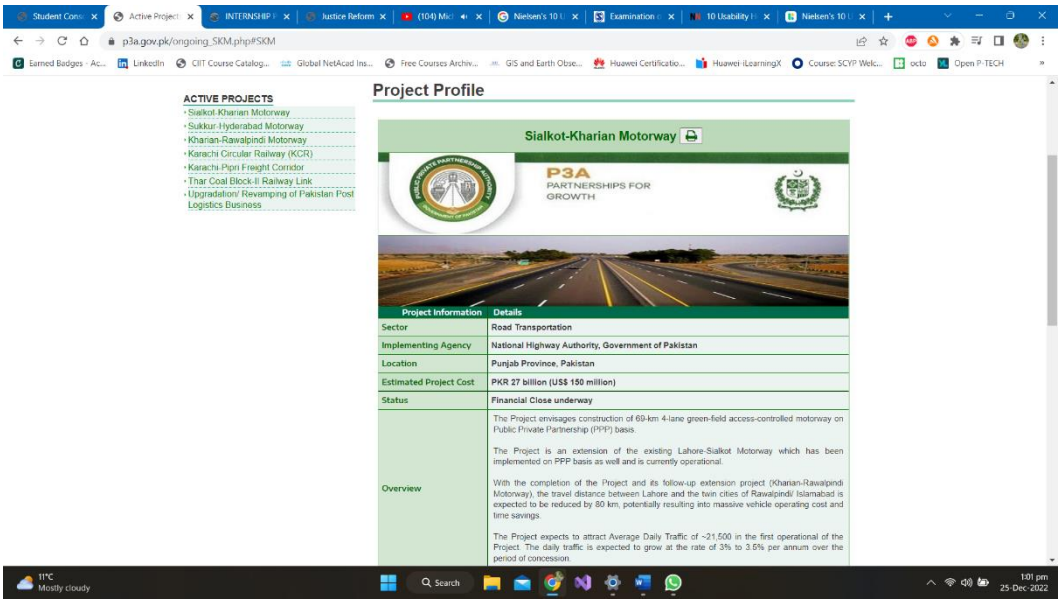
System Name: Public Private Partnerships
System Description: Government of Pakistan initiated this system to make a collaboration between Public and private investments for the country's infrastructure. The system deals with any industrial project proposed in the country, majority of the project are related to IT sector for which the origination hire/ choose internes or developers.
Website of System: https://www.p3a.gov.pk/

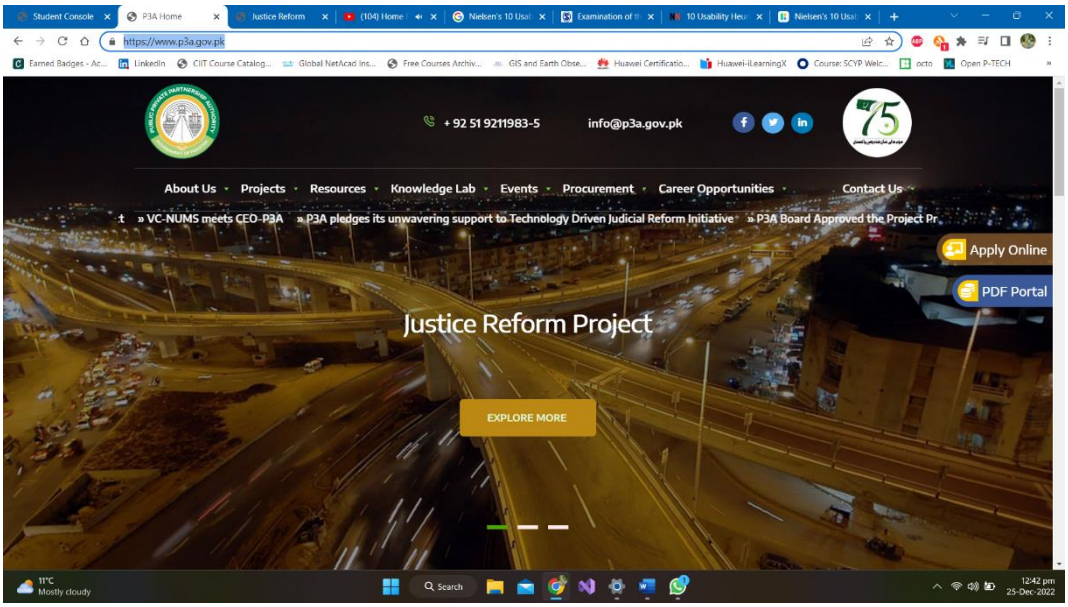
Systems Violations:

Issue: Inconsistent Design Scheme
Severity: 1
Heuristic Violated: Consistency and standards
Description: Figure 1 and 2 shows two different pages visited on the website. Both follows different color scheme & different designs leading to inconsistent design.

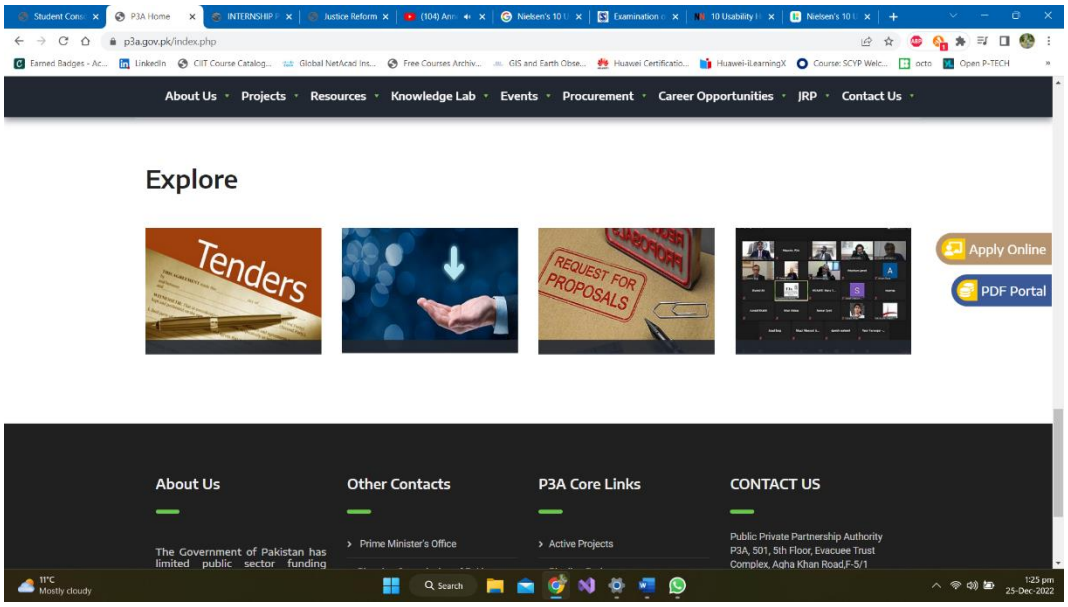


Issue: Inconsistent Design & hard to find details.
Severity: 2
Heuristic Violated: Consistency and standards, Recognition rather than recall
Description: Figure 1 and 2 shows two different pages visited on the website. Both follows different designs leading to inconsistency and its vary hard to find a detail if a user revisit that website he/she wont b able to find that detail.

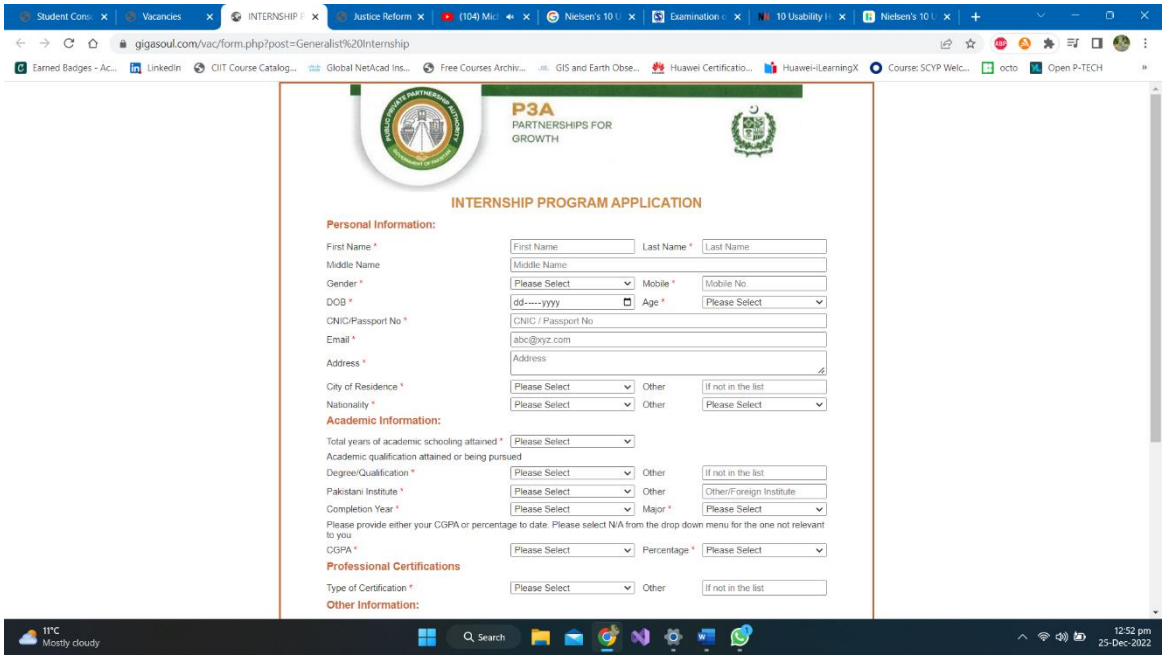




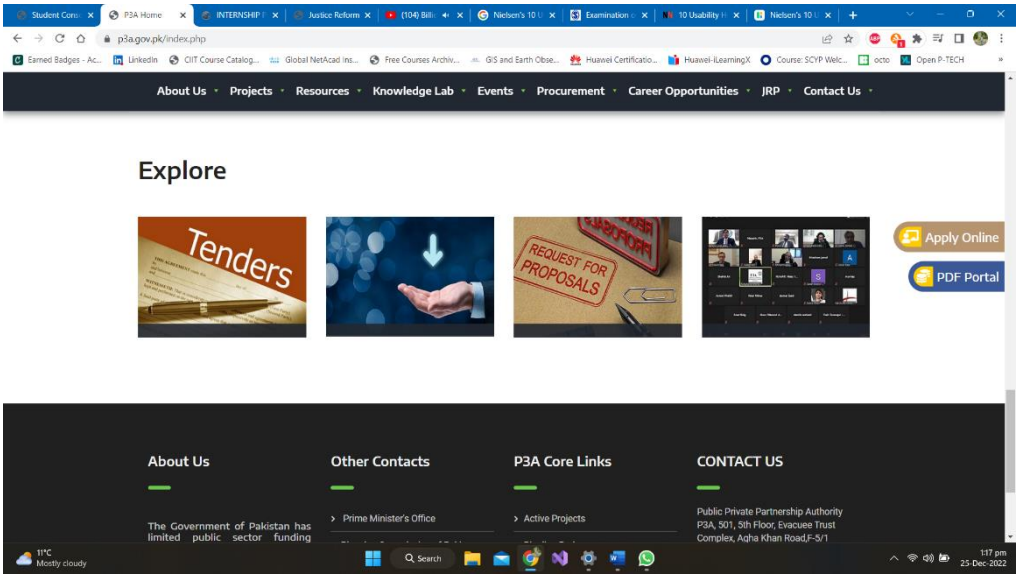
Issue: Details not mention what to do.
Severity: 2
Heuristic Violated: Visibility of system status
Description: Figure 1 shows Explore section, but it doesn't mention any thing what to do further with those sub sections.

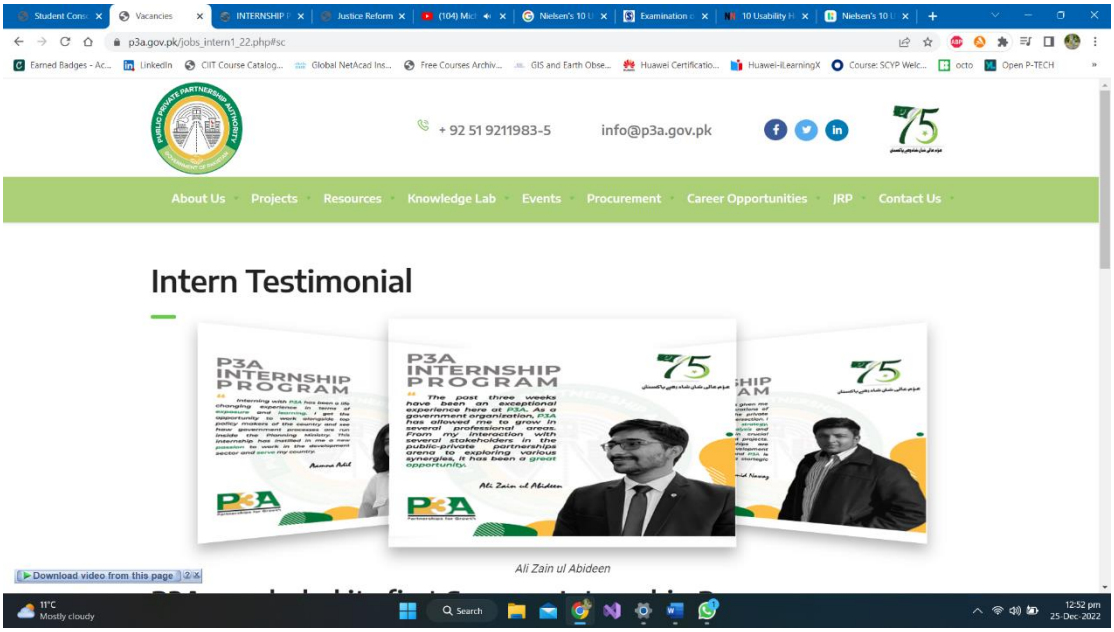


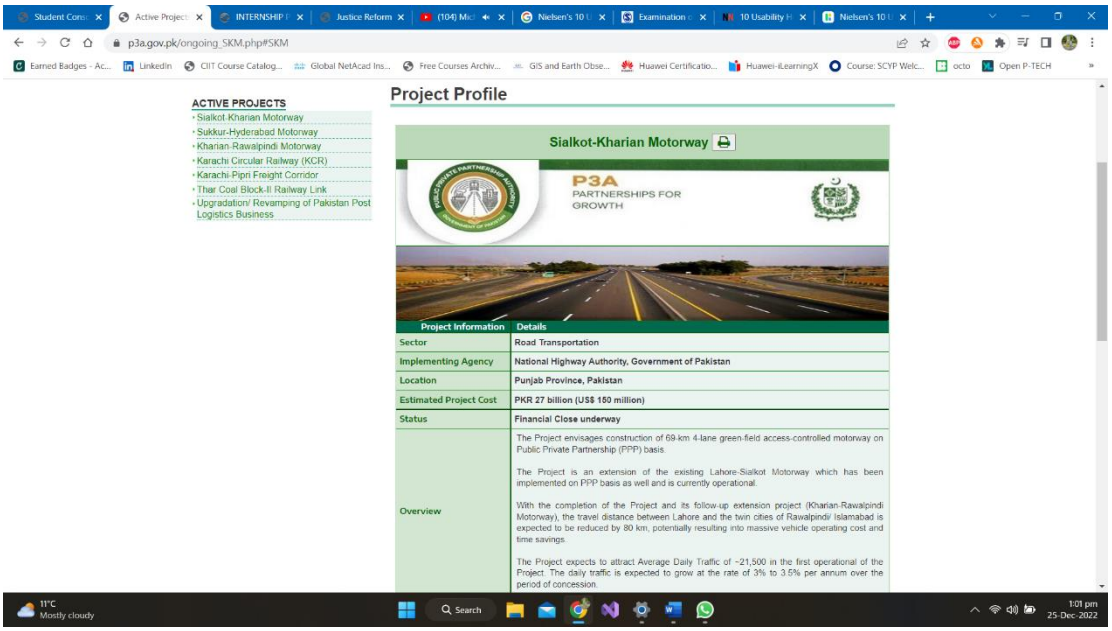
Issue: Errors in Form submission.
Severity: 5
Heuristic Violated: Error Handling
Description: Figure 1 the form submission allows to enter the incorrect format of details like email, phone & CNIC at the submission its just give the general error of "**Please Check your Details**".



Issue: No Navigation on the pages & fully descriptive
Severity: 3
Heuristic Violated: User control and freedom
Description: there is no details, helping icons or navigation about pages. User don't know on which pages he/she is on.






p3a.gov.pk/ongoing_SKM.php#SKM
ACTIVE PROJECTS
Sialkot-Kharian Motorway
Sukkur-Hyderabad Motorway
Khanian-Rawalpindi Motorway
Karachi Circular Railway (KCR)
Karachi-Pipri Freight Corridor
Thar Coal Block-II Railway Link
Upgradation/ Revamping of Pakistan Post Logistics Business
Project Profile
Sialkot-Kharian Motorway
P3A
PARTNERSHIPS FOR GROWTH
Project Information
Details
Sector
Road Transportation
Implementing Agency
National Highway Authority, Government of Pakistan
Location
Punjab Province, Pakistan
Estimated Project Cost
PKR 27 billion (US$ 150 million)
Status
Financial Close underway
Overview
The Project envisages construction of 69-km 4-lane green-field access-controlled motorway on Public Private Partnership (PPP) basis.
The Project is an extension of the existing Lahore-Sialkot Motorway which has been implemented on PPP basis as well and is currently operational.
With the completion of the Project and its follow-up extension project (Kharian-Rawalpindi Motorway), the travel distance between Lahore and the twin cities of Rawalpindi/ Islamabad is expected to be reduced by 80 km, potentially resulting into massive vehicle operating cost and time savings.
The Project expects to attract Average Daily Traffic of ~21,500 in the first operational of the Project. The daily traffic is expected to grow at the rate of 3% to 3.5% per annum over the period of concession.
11°C
Mostly cloudy
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25-Dec-2022